Vasilis Pagonis

List of Publications by Year
in descending order

178	3,064	172207 29	276539 41
papers	citations	h-index	g-index

188	188	188	1048
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analytical solutions for stimulated luminescence emission from tunneling recombination in random distributions of defects. Journal of Luminescence, 2013, 137, 109-115.	1.5	79
2	Computerized curve deconvolution analysis for LM-OSL. Radiation Measurements, 2008, 43, 737-741.	0.7	78
3	Modelling the thermal quenching mechanism in quartz based on time-resolved optically stimulated luminescence. Journal of Luminescence, 2010, 130, 902-909.	1.5	69
4	A model for explaining the concentration quenching of thermoluminescence. Radiation Measurements, 2011, 46, 1380-1384.	0.7	69
5	Peak shape methods for general order thermoluminescence glow-peaks: A reappraisal. Nuclear Instruments & Methods in Physics Research B, 2007, 262, 313-322.	0.6	67
6	Prompt isothermal decay of thermoluminescence in MgB4O7:Dy, Na and LiB4O7:Cu, In dosimeters. Radiation Measurements, 2016, 84, 15-25.	0.7	67
7	Radiation-induced growth and isothermal decay of infrared-stimulated luminescence from feldspar. Radiation Measurements, 2015, 81, 224-231.	0.7	66
8	Evaluated thermoluminescence trapping parametersâ€"What do they really mean?. Radiation Measurements, 2016, 91, 21-27.	0.7	60
9	Prevalence of firstâ€order kinetics in thermoluminescence materials: An explanation based on multiple competition processes. Physica Status Solidi (B): Basic Research, 2012, 249, 1590-1601.	0.7	55
10	Thermoluminescence glowâ€peak shape methods based on mixed order kinetics. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 1181-1189.	0.8	51
11	Two-stage thermal stimulation of thermoluminescence. Radiation Measurements, 2012, 47, 809-813.	0.7	46
12	A theoretical model for a new dating protocol for quartz based on thermally transferred OSL (TT-OSL). Radiation Measurements, 2008, 43, 704-708.	0.7	45
13	Prompt isothermal decay of thermoluminescence in an apatite exhibiting strong anomalous fading. Nuclear Instruments & Methods in Physics Research B, 2014, 320, 57-63.	0.6	41
14	Correlation of basic TL, OSL and IRSL properties of ten K-feldspar samples of various origins. Nuclear Instruments & Methods in Physics Research B, 2015, 359, 89-98.	0.6	41
15	The effects of annealing and irradiation on the sensitivity and superlinearity properties of the thermoluminescence peak of quartz. Radiation Measurements, 2006, 41, 554-564.	0.7	38
16	Anomalous heating rate effect in thermoluminescence intensity using a simplified semi-localized transition (SLT) model. Radiation Measurements, 2013, 51-52, 40-47.	0.7	38
17	Kinetic analysis of thermoluminescence glow curves in feldspar: evidence for a continuous distribution of energies. Geochronometria, 2014, 41, 168-177.	0.2	38
18	A model for non-monotonic dose dependence of thermoluminescence (TL). Journal of Physics Condensed Matter, 2005, 17, 737-753.	0.7	37

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19	Applicability of the Zimmerman predose model in the thermoluminescence of predosed and annealed synthetic quartz samples. Radiation Measurements, 2003, 37, 267-274.	0.7	36
20	Search for Common Characteristics in the Glow Curves of Quartz of Various Origins. Radiation Protection Dosimetry, 2002, 100, 373-376.	0.4	35
21	Stimulated luminescence emission: From phenomenological models to master analytical equations. Applied Radiation and Isotopes, 2019, 153, 108797.	0.7	35
22	Thermoluminescence response and apparent anomalous fading factor of Durango fluorapatite as a function of the heating rate. Physica Status Solidi (A) Applications and Materials Science, 2006, 203, 3816-3823.	0.8	33
23	Simulation of the influence of thermal quenching on thermoluminescence glowâ€peaks. Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 1216-1226.	0.8	33
24	Detailed Kinetic Study of the Thermoluminescence Glow Curve of Synthetic Quartz. Radiation Protection Dosimetry, 2002, 100, 225-228.	0.4	32
25	Modelling thermal activation characteristics of the sensitization of thermoluminescence in quartz. Journal Physics D: Applied Physics, 2004, 37, 159-164.	1.3	32
26	A quantitative kinetic model for Al2O3:C: TL response to ionizing radiation. Radiation Measurements, 2007, 42, 198-204.	0.7	32
27	Thermal dependence of luminescence lifetimes and radioluminescence in quartz. Journal of Luminescence, 2014, 145, 38-48.	1.5	32
28	Sublinear dose dependence of thermoluminescence and optically stimulated luminescence prior to the approach to saturation level. Radiation Measurements, 2009, 44, 606-610.	0.7	31
29	Further investigations of tunneling recombination processes in random distributions of defects. Radiation Measurements, 2013, 58, 66-74.	0.7	29
30	Properties of thermoluminescence glow curves from tunneling recombination processes in random distributions of defects. Journal of Luminescence, 2014, 153, 118-124.	1.5	29
31	Thermoluminescence glow curves in preheated feldspar samples: AnÂinterpretation based on random defect distributions. Radiation Measurements, 2017, 97, 20-27.	0.7	29
32	A model explaining the anomalous heating-rate effect in thermoluminescence as an inverse thermal quenching based on simultaneous thermal release of electrons and holes. Radiation Measurements, 2017, 106, 20-25.	0.7	29
33	Anomalous fading of OSL signals originating from very deep traps in Durango apatite. Radiation Measurements, 2013, 49, 73-81.	0.7	28
34	Fit of First Order Thermoluminescence Glow Peaks using the Weibull Distribution Function. Radiation Protection Dosimetry, 2001, 93, 11-17.	0.4	27
35	Simulations of time-resolved photoluminescence experiments in Î±-Al2O3:C. Journal of Luminescence, 2011, 131, 1086-1094.	1.5	27
36	Cooling rate effects on the thermoluminescence glow curves of Arkansas quartz. Physica Status Solidi A, 2003, 198, 312-321.	1.7	26

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37	Dissolution and subsequent re-crystallization as zeroing mechanism, thermal properties and component resolved dose response of salt (NaCl) for retrospective dosimetry. Applied Radiation and Isotopes, 2011, 69, 1255-1262.	0.7	26
38	Nonmonotonic dose dependence of OSL intensity due to competition during irradiation and readout. Radiation Measurements, 2006, 41, 903-909.	0.7	25
39	Thermoluminescence under an exponential heating function: I. Theory. Journal Physics D: Applied Physics, 2006, 39, 1500-1507.	1.3	25
40	Spectral and kinetic analysis of thermoluminescence from manganiferous carbonatite. Journal of Luminescence, 2014, 145, 180-187.	1.5	25
41	On the shape of continuous wave infrared stimulated luminescence signals from feldspars: A case study. Journal of Luminescence, 2014, 153, 96-103.	1.5	25
42	Modelling thermal transfer in optically stimulated luminescence of quartz. Journal Physics D: Applied Physics, 2007, 40, 998-1006.	1.3	24
43	Evaluation of activation energies in the semi-localized transition model of thermoluminescence. Journal Physics D: Applied Physics, 2005, 38, 2179-2186.	1.3	23
44	Radioluminescence in Al₂O₃â€‰: C â€“ analytical and numerical simulation results. Journal Physics D: Applied Physics, 2009, 42, 175107.	1.3	23
45	An overview of recent developments in luminescence models with a focus on localized transitions. Radiation Measurements, 2017, 106, 3-12.	0.7	23
46	Tunnelling recombination in conventional, post-infrared and post-infrared multi-elevated temperature IRSL signals in microcline K-feldspar. Journal of Luminescence, 2017, 188, 514-523.	1.5	23
47	On the expected order of kinetics in a series of thermoluminescence (TL) and thermally stimulated conductivity (TSC) peaks. Nuclear Instruments & Methods in Physics Research B, 2013, 312, 60-69.	0.6	22
48	The role of simulations in the study of thermoluminescence (TL). Radiation Measurements, 2014, 71, 8-14.	0.7	22
49	Annealing effects on the thermoluminescence of synthetic calcite powder. Radiation Measurements, 1994, 23, 131-142.	0.7	21
50	Thermoluminescence under an exponential heating function: II. Glow-curve deconvolution of experimental glow-curves. Journal Physics D: Applied Physics, 2006, 39, 1508-1514.	1.3	21
51	Thermoluminescence kinetic study of binary lead-silicate glasses. Journal of Luminescence, 2009, 129, 570-577.	1.5	20
52	Reconstruction of thermally quenched glow curves in quartz. Radiation Measurements, 2012, 47, 250-257.	0.7	20
53	On the intrinsic accuracy and precision of the standardised growth curve (SGC) and global-SGC (gSGC) methods for equivalent dose determination: A simulation study. Radiation Measurements, 2016, 94, 53-64.	0.7	20
54	Time-resolved luminescence from quartz: An overview of contemporary developments and applications. Physica B: Condensed Matter, 2016, 481, 8-18.	1.3	20

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55	Anomalous fading in TL, OSL and TA â€“ OSL signals of Durango apatite for various grain size fractions; from micro to nano scale. Journal of Luminescence, 2018, 195, 216-224.	1.5	20
56	An improved experimental procedure of separating a composite thermoluminescence glow curve into its components. Radiation Measurements, 2000, 32, 805-812.	0.7	19
57	Simulations of the predose technique for retrospective dosimetry and authenticity testing. Radiation Measurements, 2008, 43, 1343-1353.	0.7	19
58	On the intrinsic accuracy and precision of luminescence dating techniques for fired ceramics. Journal of Archaeological Science, 2011, 38, 1591-1602.	1.2	19
59	The influence of competition effects on the initial rise method during thermal stimulation of luminescence: A simulation study. Radiation Measurements, 2017, 100, 27-36.	0.7	19
60	Comprehensive analysis of thermoluminescence signals in MgB4O7:Dy,Na dosimeter. Journal of Luminescence, 2019, 213, 334-342.	1.5	19
61	Investigation of OSL signals from very deep traps in unfired and fired quartz samples. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 592-598.	0.6	18
62	Time-resolved infrared stimulated luminescence signals in feldspars: Analysis based on exponential and stretched exponential functions. Journal of Luminescence, 2012, 132, 2330-2340.	1.5	18
63	Mathematical aspects of ground state tunneling models in luminescence materials. Journal of Luminescence, 2015, 168, 137-144.	1.5	18
64	A new analytical equation for the dose response of dosimetric materials, based on the Lambert W function. Journal of Luminescence, 2020, 225, 117333.	1.5	18
65	Thermoluminescence study of annealing a geological calcite. International Journal of Radiation Applications and Instrumentation Part D, Nuclear Tracks and Radiation Measurements, 1990, 17, 517-523.	0.6	17
66	Effects of air resistance. Physics Teacher, 1997, 35, 364-368.	0.2	17
67	A comprehensive comparative study of the predose effect for three quartz crystals of different origin. Radiation Protection Dosimetry, 2006, 119, 438-441.	0.4	17
68	MIXED-ORDER KINETICS MODEL FOR OPTICALLY STIMULATED LUMINESCENCE. Modern Physics Letters B, 2009, 23, 3191-3207.	1.0	17
69	Analytical expressions for time-resolved optically stimulated luminescence experiments in quartz. Journal of Luminescence, 2011, 131, 1827-1835.	1.5	17
70	Modeling of the shape of infrared stimulated luminescence signals in feldspars. Radiation Measurements, 2012, 47, 870-876.	0.7	17
71	Thermoluminescence from a distribution of trapping levels in UV irradiated calcite. Radiation Measurements, 1996, 26, 265-280.	0.7	16
72	On the Possibility of using Commercial Software Packages for Thermoluminescence Glow Curve Deconvolution Analysis. Radiation Protection Dosimetry, 2002, 101, 93-98.	0.4	16

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73	Dependence of the anomalous fading of the TL and blue-OSL of fluorapatite on the occupancy of the tunnelling recombination sites. Journal of Luminescence, 2007, 126, 303-308.	1.5	16
74	Experimental and modelling study of pulsed optically stimulated luminescence in quartz, marble and beta irradiated salt. Journal Physics D: Applied Physics, 2009, 42, 055407.	1.3	16
75	On the effect of optical and isothermal treatments on luminescence signals from feldspars. Radiation Measurements, 2015, 82, 93-101.	0.7	16
76	Monte Carlo simulations of tunneling phenomena and nearest neighbor hopping mechanism in feldspars. Journal of Luminescence, 2017, 181, 114-120.	1.5	16
77	Simulations of the effect of pulse annealing on optically-stimulated luminescence of quartz. Radiation Measurements, 2007, 42, 1587-1599.	0.7	15
78	On the theoretical basis for the duplicitous thermoluminescence peak. Journal Physics D: Applied Physics, 2009, 42, 155409.	1.3	15
79	Sublinear dose dependence of thermoluminescence as a result of competition between electron and hole trapping centers. Radiation Measurements, 2017, 105, 54-61.	0.7	15
80	The nonmonotonic dose dependence of optically stimulated luminescence in Al2O3:C: Analytical and numerical simulation results. Journal of Applied Physics, 2006, 99, 033511.	1.1	14
81	On the quasi-equilibrium assumptions in the theory of thermoluminescence (TL). Journal of Luminescence, 2013, 143, 734-740.	1.5	14
82	Thermal dependence of time-resolved blue light stimulated luminescence in Î±-Al2O3:C. Journal of Luminescence, 2013, 136, 270-277.	1.5	14
83	Dating quartz near saturation â€“ Simulations and application at archaeological sites in South Africa and South Carolina. Quaternary Geochronology, 2015, 30, 416-421.	0.6	14
84	Influence of the infrared stimulation on the optically stimulated luminescence in four K-feldspar samples. Journal of Luminescence, 2016, 176, 32-39.	1.5	14
85	Can thermoluminescence be used to determine soil heating from a wildfire?. Radiation Measurements, 2017, 107, 119-127.	0.7	14
86	Excited state luminescence signals from a random distribution of defects: A new Monte Carlo simulation approach for feldspar. Journal of Luminescence, 2019, 207, 266-272.	1.5	14
87	Simulations of thermally transferred OSL experiments and of the ReSAR dating protocol for quartz. Radiation Measurements, 2009, 44, 634-638.	0.7	13
88	Monte Carlo simulations of TL and OSL in nanodosimetric materials and feldspars. Radiation Measurements, 2015, 81, 262-269.	0.7	13
89	Simulating comprehensive kinetic models for quartz luminescence using the R program KMS. Radiation Measurements, 2016, 86, 63-70.	0.7	13
90	Fit of Second Order Thermoluminescence Glow Peaks Using the Logistic Distribution Function. Radiation Protection Dosimetry, 2001, 95, 225-229.	0.4	12

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91	Comparison of experimental and modelled quartz thermal-activation curves obtained using multiple- and single-aliquot procedures. Radiation Measurements, 2006, 41, 910-916.	0.7	12
92	A quantitative kinetic model for Al2O3:C: TL response to UV-illumination. Radiation Measurements, 2008, 43, 175-179.	0.7	12
93	Optically stimulated exoelectron emission processes in quartz: comparison of experiment and theory. Journal of Luminescence, 2009, 129, 1003-1009.	1.5	12
94	Simulations of thermally transferred OSL signals in quartz: Accuracy and precision of the protocols for equivalent dose evaluation. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 1431-1443.	0.6	12
95	Monte Carlo simulations of luminescence processes under quasi-equilibrium (QE) conditions. Radiation Measurements, 2014, 67, 67-76.	0.7	12
96	Quartz radiofluorescence: a modelling approach. Journal of Luminescence, 2017, 186, 318-325.	1.5	12
97	On the resolution of overlapping peaks in complex thermoluminescence glow curves. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 913, 78-84.	0.7	12
98	Preliminary results towards the equivalence of transformed continuous-wave Optically Stimulated Luminescence (CW-OSL) and linearly-modulated (LM-OSL) signals in quartz. Geochronometria, 2011, 38, 209-216.	0.2	11
99	Thermoluminescence due to tunneling in nanodosimetric materials: A Monte Carlo study. Physica B: Condensed Matter, 2018, 531, 171-179.	1.3	11
100	Localized transition models in luminescence: A reappraisal. Nuclear Instruments & Methods in Physics Research B, 2018, 432, 13-19.	0.6	11
101	Superlinearity revisited: A new analytical equation for the dose response of defects in solids, using the Lambert W function. Journal of Luminescence, 2020, 227, 117553.	1.5	11
102	Investigation of thermoluminescence processes during linear and isothermal heating of dosimetric materials. Journal of Luminescence, 2020, 222, 117142.	1.5	11
103	Absorbed dose measurements of a handheld 50 kVP X-ray source in water with thermoluminescence dosemeters. Radiation Protection Dosimetry, 2006, 120, 78-82.	0.4	10
104	A new look at the linear-modulated optically stimulated luminescence (LM-OSL) as a tool for dating and dosimetry. Radiation Measurements, 2009, 44, 344-350.	0.7	10
105	Superlinear dose response of thermoluminescence (TL) and optically stimulated luminescence (OSL) signals in luminescence materials: An analytical approach. Journal of Luminescence, 2012, 132, 1446-1455.	1.5	10
106	Time and dose-rate dependence of TL and OSL due to competition between excitation and fading. Radiation Measurements, 2015, 82, 115-121.	0.7	10
107	Quantum tunneling recombination in a system of randomly distributed trapped electrons and positive ions. Journal of Physics Condensed Matter, 2017, 29, 365701.	0.7	10
108	On the unchanging shape of thermoluminescence peaks in preheated feldspars: Implications for temperature sensing and thermochronometry. Radiation Measurements, 2019, 124, 19-28.	0.7	10

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109	On the deconvolution of promptly measured luminescence signals in feldspars. Journal of Luminescence, 2021, 239, 118334.	1.5	10
110	Spurious and regenerated thermoluminescence in calcite powder samples. Radiation Measurements, 1997, 27, 37-42.	0.7	9
111	Simulation of the experimental pre-dose technique for retrospective dosimetry in quartz. Radiation Protection Dosimetry, 2004, 109, 225-234.	0.4	9
112	Duplicitous thermoluminescence peak associated with a thermal release of electrons and holes from trapping states. Radiation Measurements, 2008, 43, 162-166.	0.7	9
113	Quantitative analysis of time-resolved infrared stimulated luminescence in feldspars. Physica B: Condensed Matter, 2016, 497, 78-85.	1.3	9
114	Simulations of isothermal processes in the semilocalized transition (SLT) model of thermoluminescence (TL). Journal Physics D: Applied Physics, 2010, 43, 175403.	1.3	8
115	New expressions for half life, peak maximum temperature, activation energy and kinetic order of a thermoluminescence glow peak based on the Lambert W function. Radiation Measurements, 2017, 97, 28-34.	0.7	8
116	Thermoluminescence associated with two-hole recombination centers. Radiation Measurements, 2018, 115, 1-6.	0.7	8
117	Correlation between isothermal Tl and Irsl in K-Feldspars of various types. Radiation Physics and Chemistry, 2019, 165, 108386.	1.4	8
118	Sequential two-step optical stimulation in K-feldspars: Correlation among the luminescence signals and implications for modeling parameters. Journal of Luminescence, 2020, 226, 117425.	1.5	8
119	Quantum tunneling processes in feldspars: Using thermoluminescence signals in thermochronometry. Radiation Measurements, 2020, 134, 106325.	0.7	8
120	Luminescence. Use R!, 2021, , .	0.3	8
121	Theoretical modelling of experimental diagnostic procedures employed during pre-dose dosimetry of quartz. Radiation Protection Dosimetry, 2006, 119, 111-114.	0.4	7
122	A unified presentation of thermoluminescence (TL), phosphorescence and linear-modulated optically stimulated luminescence (LM-OSL). Journal Physics D: Applied Physics, 2008, 41, 035102.	1.3	7
123	Nonlinear dose dependence of TL and LM-OSL within the one trap-one center model. Radiation Measurements, 2010, 45, 277-280.	0.7	7
124	The effect of crystal size on tunneling phenomena in luminescent nanodosimetric materials. Nuclear Instruments & Methods in Physics Research B, 2017, 412, 198-206.	0.6	7
125	Competition between long time excitation and fading of thermoluminescence (TL) and optically stimulated luminescence (OSL). Radiation Measurements, 2020, 136, 106422.	0.7	7
126	Precision and accuracy of two luminescence dating techniques for retrospective dosimetry: SAR-OSL and SAR-ITL. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 653-663.	0.6	6

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127	Modeling TL-like thermally assisted optically stimulated luminescence (TA-OSL). Radiation Measurements, 2013, 56, 6-12.	0.7	6
128	Study of the stability of the TL and OSL signals. Radiation Measurements, 2015, 81, 192-197.	0.7	6
129	Thermoluminescence associated with two-electron traps. Radiation Measurements, 2017, 99, 10-17.	0.7	6
130	Mathematical characterization of continuous wave infrared stimulated luminescence signals (CW-IRSL) from feldspars. Journal of Luminescence, 2014, 154, 362-368.	1.5	5
131	Minimising the Spurious TL of Recently Fired Ceramics Using the Foil Technique. Radiation Protection Dosimetry, 1999, 84, 499-502.	0.4	4
132	Simulation of OSL Pulse-Annealing at Different Heating Rates: Conclusions Concerning the Evaluated Trapping Parameters and Lifetimes. Geochronometria, 2008, 30, 1-7.	0.2	4
133	Intrinsic superlinear dose dependence of thermoluminescence and optically stimulated luminescence at high excitation dose rates. Radiation Measurements, 2014, 71, 220-225.	0.7	4
134	Reliability of single aliquot regenerative protocol (SAR) for dose estimation in quartz at different burial temperatures: A simulation study. Radiation Measurements, 2016, 91, 28-35.	0.7	4
135	On the half-life of luminescence signals in dosimetric applications: A unified presentation. Physica B: Condensed Matter, 2018, 539, 35-43.	1.3	4
136	Thermoluminescence glow curves in preheated feldspar: A Monte Carlo study. Nuclear Instruments & Methods in Physics Research B, 2018, 436, 249-256.	0.6	4
137	Simulation of TL kinetics in complex trap cluster systems: Some new approaches. Radiation Measurements, 2019, 125, 78-84.	0.7	4
138	Simulating feldspar luminescence phenomena using R. Journal of Luminescence, 2021, 235, 117999.	1.5	4
139	On the various-heating-rates method for evaluating the activation energies of thermoluminescence peaks. Radiation Measurements, 2022, 150, 106692.	0.7	4
140	On the initial-occupancy dependence of some luminescence phenomena under the one-trap-one-recombination-center (OTOR) model. Radiation Measurements, 2010, 45, 147-150.	0.7	3
141	Thermoluminescence governed by the Auger-recombination process. Radiation Measurements, 2019, 124, 40-47.	0.7	3
142	Simulation of thermoluminescence dose response in cluster systems with deep traps. Radiation Measurements, 2020, 134, 106307.	0.7	3
143	A Monte-Carlo study of the fading of TL and OSL signals in the presence of deep-level competitors. Radiation Measurements, 2020, 132, 106257.	0.7	3
144	Modelling the dependence of equivalent dose determined from a dose recovery test on preheating temperature: The intervention of shallow electron traps. Radiation Measurements, 2021, 142, 106566.	0.7	3

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145	A model explaining the inability of exciting thermoluminescence (TL) peaks in certain low temperature ranges. Radiation Measurements, 2021, 145, 106610.	0.7	3
146	Anomalous fading in thermoluminescence signal of ten different K-feldspar samples and correlation to structural state characteristics. Radiation Measurements, 2022, 155, 106789.	0.7	3
147	Attitudes of Undergraduate General Science Students Toward Learning Science and the Nature of Science. AIP Conference Proceedings, 2005, , .	0.3	2
148	On the stochastic uncertainties of thermally and optically stimulated luminescence signals: A Monte Carlo approach. Journal of Luminescence, 2020, 219, 116945.	1.5	2
149	Quantitative analysis of thermoluminescence signals of glass displays from mobile phones. Radiation Measurements, 2021, 146, 106614.	0.7	2
150	Testing new analytical expression for dose response curves originating from the OTOR model. Journal of Luminescence, 2022, 244, 118747.	1.5	2
151	Simulation of the effect of resolution between thermoluminescence peaks on the initial rise method of analysis. Nuclear Instruments & Methods in Physics Research B, 2022, 524, 1-7.	0.6	2
152	The effect of annealing atmosphere on the thermoluminescence of synthetic calcite. Radiation Measurements, 1998, 29, 45-52.	0.7	1
153	Modeling forces on the human body. Physics Teacher, 1999, 37, 469-474.	0.2	1
154	Influence of scatter data and temperature lag on the analysis of thermoluminescence glow peak: A Monte Carlo simulation study. Applied Radiation and Isotopes, 2021, 167, 109405.	0.7	1
155	Recent Advances in the Theory of Quantum Tunneling for Luminescence Phenomena. , 2019, , 37-81.		1
156	Simulation of the Nonlinear Dose Dependence of Stabilized Point Defects. IOP Conference Series: Materials Science and Engineering, 2010, 15, 012071.	0.3	0
157	Thermoluminescence due to simultaneous recombination of two electrons into two-hole centers. Radiation Measurements, 2021, 141, 106521.	0.7	0
158	Analysis and Modeling of TL Data. Use R!, 2021, , 21-69.	0.3	0
159	Introduction to Luminescence Signals and Models. Use R!, 2021, , 1-18.	0.3	0
160	Kinetic Monte Carlo Simulations. Use R!, 2021, , 261-273.	0.3	0
161	Analysis of Experimental OSL Data. Use R!, 2021, , 71-97.	0.3	0
162	Localized Transitions and Quantum Tunneling. Use R!, 2021, , 149-184.	0.3	0

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163	Monte Carlo Simulations of Delocalized Transitions. Use R!, 2021, , 213-245.	0.3	0
164	Monte Carlo Simulations of Localized Transitions. Use R!, 2021, , 247-259.	0.3	0
165	Dose Response of Dosimetric Materials. Use R!, 2021, , 99-126.	0.3	0
166	Comprehensive Models for Feldspars. Use R!, 2021, , 309-333.	0.3	0
167	Localized Transitions: The LT and SLT Model. Use R!, 2021, , 185-209.	0.3	0
168	Overview of Luminescence Signals from Dosimetric Materials. , 2022, , 1-19.		0
169	OSL from Delocalized Transitions: Data Analysis. , 2022, , 247-283.		0
170	Dose Response of Dosimetric Materials: Models. , 2022, , 357-376.		0
171	ITL Signals: Models. , 2022, , 179-195.		0
172	ITL Signals: Data Analysis. , 2022, , 197-218.		0
173	Infrared Stimulated Luminescence Signals: Models. , 2022, , 285-303.		0
174	TL Signals fromÂDelocalized Transitions: Data Analysis. , 2022, , 83-118.		0
175	Time-Resolved Luminescence: Models. , 2022, , 321-338.		0
176	OSL from Delocalized Transitions: Models. , 2022, , 219-246.		0
177	Standardizing the computerized analysis and modeling of luminescence phenomena: New open-access codes in R and Python. Radiation Measurements, 2022, 153, 106730.	0.7	0
178	Implementation of expressions using Python in stimulated luminescence analysis. Radiation Measurements, 2022, 154, 106772.	0.7	0